

F. L. R. D.

4 March 1964

Dear John:

Subject: Quarterly Report

25X1

25X1 In accordance with the provisions of Part 3 of Exhibit "A" to Contract  the attached Quarterly Report covering the period of 1 December 1963 to 29 February 1964 is forwarded for your information and guidance.

RRW:MSS

*R. R. W.*  
R. R. W.

1 Enc.  
Qt. Rpt. (Copy 1 through 5)

cc: Con Officer  
w/Qt. Rpt. Copy 6

Declass Review by NGA.

# Distribution of Quarterly Report, No. 2.

Copy No	To	Marked Secret on
1	Contract files DB/PDS	31 Mar 64
2	Contract files LB/AS	Told Helen R. on 30 Mar 64
3	Spare	30 Mar 64
4	Spare	31 Mar 64
5	<div style="border: 1px solid black; width: 150px; height: 30px;"></div>	30 Mar 64
6	Joe P, Contract Dir /OSA	Hand-carried by ELG to <div style="border: 1px solid black; width: 100px; height: 20px;"></div>

25X1

25X1

February 4, 1964

25X1 This will acknowledge the receipt of five copies of the Quarterly  
Report,  Second Quarter FY-64.

25X1


6 Feb 64

25X1



2<sup>d</sup> Quarterly Report

25X1

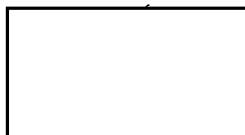
5 Feb 64: Took two copies of Report to   
One copy for their contract files and one for  
OSA's contract files.

3 Feb 64: Phoned Helen & asked her to mark OSA's  
copy as "#1 of 9 cys" and the AS/LB copy as  
"#2 of 9 cys". Found later that there are only  
eight copies known to exist in Dir Br.  
Copies are now assigned as follows:

# 1 OSA contract files

2 AS/LB " "

3 DB/P&DS " "

4 

6 Spare

7 Spare

8 Was disassembled -- individual PAR's were  
given to the respective monitors

25X1

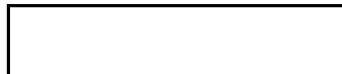
*[Handwritten signature]*

SECRET

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

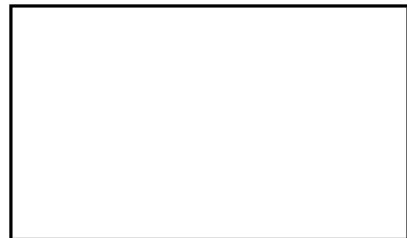
QUARTERLY REPORT

No. 2



25X1

2 March 1964

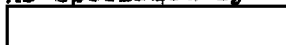


25X1



25X1

Prepared at the Contractor's Facility  
As Specified By



25X1

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

SECRET

Copy 5 of 20

SECRET

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

PROGRAM OBJECTIVE

To investigate, through studies, tests and the fabrication and use of engineering breadboard equipment, new methods or devices which will further the state of the art in photographic techniques and practices as it pertains to improved extraction of collected intelligence information from photographic materials.

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

SECRET

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

TABLE OF CONTENTS

Section	Page
I. Report	
A. Summary	1
B. Discussion	2
II. PAR Progress (Note: Only Approved PARs Reported)	
A. PAR 206, Reversal Processing of High Resolution Films	7
B. PAR 210, Laminated Slides	8
C. PAR 211, Micro-D Study - Effect of Processing on Edges	9
D. PAR 213, Color Reproduction Systems Review	10
E. PAR 214, Roller Transport Reversal Processor (12 inch)	11
F. PAR 215, Roller Transport Processor (24 inch)	15
G. PAR 216, Exposure of Photo Materials with Lasers	19
H. PAR 226, Edge Trace Measurements on Mission Photography	20
III. Fiscal Summary	
A. PARs 201 to 216	21
B. PARs 217 to 226	22
IV. Miscellaneous	
A. Visitors	23
B. Visits by Contractor Personnel	24

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

SECRET

~~SECRET~~

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

SECTION I

REPORT

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

SECRET

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

QUARTERLY REPORT

No. 2



25X1

1 March 64

SUMMARY

Expenditure of effort for the overall program was held at a low level pending the program review held at the contractor's facility on 3 - 4 Feb 64. Therefore, only a nominal amount of progress has been made since submission of the last quarterly report, dated 6 December 1963.

Clarification of objectives and requirements during the above referenced meeting and approval to proceed on PARs (Project Authorization Request), 206, 211, 213, 214, 215 and 216 will allow expenditure of sufficient effort to insure reporting of considerable progress with the next quarterly report.

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

SECRET

#### DISCUSSION

Although it had been discussed and tentative approval received to delay submission of the quarterly report for this quarter (1 Dec 63 to 29 Feb 64) thirty days (30) days, increased activity on this contract now dictates the necessity of submitting the report on schedule.

Submission of the report at this time brings progress and actions taken by the contract review conference up to date. The next quarterly report will then more clearly and accurately reflect progress accomplished.

The program review conference held the 3 - 4 Feb 64 clarified objectives and requirements and established the following required actions:

1. PAR 202, Briefing Print Enlarger - Contractor to resubmit revised technical objectives.
2. PAR 203, Rapid Access Printer - Contractor to submit revised PAR. Customer to furnish available information on systems and a list of materials to be investigated.

SECRET

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

3. PAR 204, Contact Chip Printer - Contractor to analyze and determine feasibility of revised requirements presented by the customer and prepare a revised design objective and specification.

4. PAR 205, 4X Chip Enlarger - Same action as required for 3 above.

5. PAR 207, Definitive Study of Contact Printers - Contractor to prepare and submit a revised PAR for approval.

6. PAR 210, Laminated Slides - Contractor to continue and complete PAR requirements.

7. PAR 212, Color Acquisition System Review - Contractor to accomplish redirection of PAR to insure satisfaction of exploitation requirements and submit for concurrence.

In addition the following projects were presented by the customer during the 3 - 4 Feb conference for consideration and possible inclusion in the program. For control purposes each item has been assigned a PAR number as indicated:

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

SECRET

SECRET

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

1. PAR 217 - Optimization of Lasers
2. PAR 218 - Autofocus System
3. PAR 219 - Optical (1:1) vs Contact Printing
4. PAR 220 - Static Electricity Hold Down
5. PAR 221 - Illustrated Manual for Lens Evaluation
6. PAR 222 - Stereo Image Registration
7. PAR 223 - Investigation of Monochromatic Lens System
8. PAR 224 - 3X - 15X Fluid Gate Enlarger
9. PAR 225 - Micro-D Training Program

After careful review, it was felt that any effort expended on PARs 218, 219 and 221 would not be in the best interest of the program and would result in an uneconomical expenditure of funds at this time. Reasons for non-submission of Program Authorization Requests are contained in contractor's message 8204, dated 19 Feb 64.

Program Authorization Request covering PAR 212, 217, 222 and 224 were delivered to the customer on 24 Feb 64.

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

SECRET

SECRET

Every effort is being made to complete actions noted above and forward PARs and Technical Objectives on dates cited in contractor's message 8203, dated 19 Feb 64.

Additions made to the Roller Transport Reversal Processor (12 inch) specification (PAR 214) and to the Roller Transport Processor (24 inch) specification (PAR 215) will increase the estimated total expenditure for each PAR. These additions are:

1. PAR 214 -

- (a) Add double re-exposure station.
- (b) Add daylight operation capability (A-9 magazine feed).

2. PAR 215 -

- (a) Furnish three each 20 inch roll cassettes (250 feet) with mount.
- (b) Add 24 inch Versamat take-up.
- (c) Add drum dryer to dry 20 inch paper materials.

Estimated additional factory cost for each PAR is:

- 1. PAR 214
- 2. PAR 215



25X1

SECRET

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

The above increases are not presently reflected in Col. 4 of the Fiscal Summary contained in Section ~~IV~~<sup>III</sup> of this report. Increases will be reflected upon formal approval of the Contracting Officer.

Detail reports are furnished on only those PARs having formal approval except PAR 226 (see Section II). Although only temporarily approved PAR 226 has been included since considerable effort and funds are and will continue to be expended in accordance with the approval contained in message 1880, dated 27 Feb 64. Formal preparation of the PAR is well underway and is scheduled to be forwarded for customer review and approval on/or about 13 March 64.

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

SECRET

**SECRET**

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

SECTION IV

MISCELLANEOUS

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

**SECRET**

SECRET

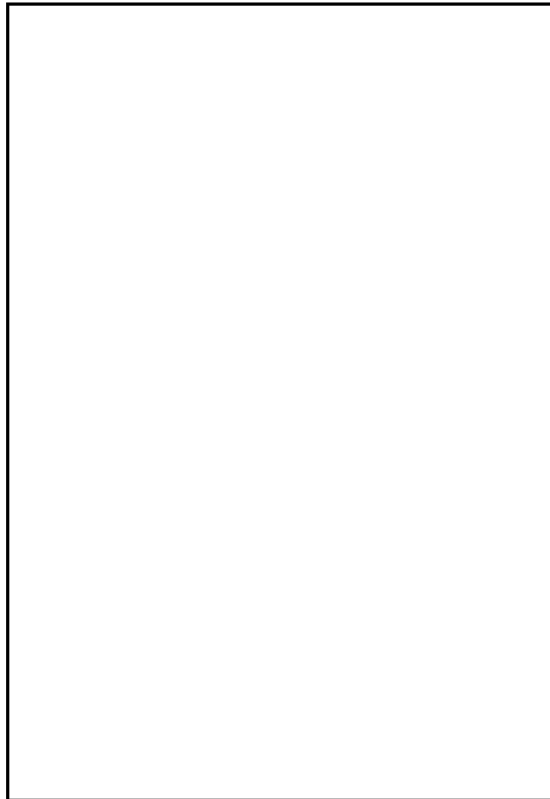
Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

VISITORS

During the period of this report, the following personnel visited the contractor's facility on dates indicated to discuss requirements and progress on Contract

25X1

25X1



3 Feb 64

3 Feb 64

3 & 4 Feb 64

3 & 4 Feb 64

3 & 4 Feb 64

3 & 4 Feb 64

3 & 4 Feb 64

3 & 4 Feb 64

3 & 4 Feb 64

3 & 4 Feb 64

3 & 4 Feb 64

3 & 4 Feb 64

SECRET

SECRET

VISITS BY CONTRACTOR PERSONNEL

The following visits were made by contractor personnel in support of  Contract requirements:

1.  23 Jan 64

Visit to customer's facility to discuss and review overall contract requirements.

2.  13 Feb 64

Visit to customer's facility to discuss requirements of PARs 204, 205, 222 and 224.

3.  13 Feb 64

Visit to customer's facility to review contract progress and establish requirement for contract review conference.

4.  24 Feb 64

Delivered PARs 212-A, 217, 222 and 224 to the customer prior to attending another conference in the same vicinity.

SECRET

25X1

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9

Next 1 Page(s) In Document Exempt

Approved For Release 2005/02/17 : CIA-RDP78B04770A001000030019-9